| TRANSMITTAL LETTER TO THE UNITED STATES | | | ATTORNEY'S DOCKET NUMBER 5822 | | | | | |
|--|--|--|---|--|--|--|--|--|
| DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | | | | |
| INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE | | | PRIORITY DATE CLAIMED | | | | | |
| | | September 21, 2004 | September 22, 2003 | | | | | |
| TITLE OF INVENTION Method and Apparatus for Collecting and/or Separating Solids from Liquids | | | | | | | | |
| APPLICAN Nielsen | IT(S) FOR DO/EO/US | | | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | | |
| 1. 🗹 1 | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | |
| 2. 🔲 T | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | |
| 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | | | |
| 4. 🔲 1 | 4. The US has been elected (Article 31). | | | | | | | |
| 5. 🗹 | A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | | | | |
| | a. is attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| | b. | | | | | | | |
| _ | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | | |
| 6. | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | | |
| | a. is attached hereto. | | | | | | | |
| | b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | | |
| 7. 🗹 | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | | | | |
| | a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| | b. have been communicated by the International Bureau. | | | | | | | |
| | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | |
| | d. An have not been made and will not be made. | | | | | | | |
| 8. | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | |
| 9. | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | | |
| 10. | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | | | |
| Items | 11 to 20 below concern document(s) | or information included: | | | | | | |
| 11. | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | | | | | |
| 12. 🔲 | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | |
| 13. 🗹 | A preliminary amendment. | | | | | | | |
| 14. 🗸 | An Application Data Sheet under 37 CFR 1.76. | | | | | | | |
| 15. | A substitute specification. | | | | | | | |
| 16. 🔲 | A power of attorney and/or change of address letter. | | | | | | | |
| 17. 🔲 | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. | | | | | | | |
| 18. | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | | | |
| 19. | A second copy of the English language | translation of the international application | under 35 U.S.C. 154(d)(4). | | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

PTO-1390 (Rev. 09-2007)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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| U.S. APPLICATION NO. (if known, see 37 CFR 1. | • | TERNATIONAL API | PLICATION NO. | ATTORNEY'S DOCKET NUMBER 5822 | | | |
|--|----------------|----------------------|--------------------|-------------------------------|--------------|--|--|
| 20. Other items or information: | | | | | | | |
| Petition to Revive this Application | | | | | | | |
| | | | | | | | |
| The following fees have been submitted | | · · · · | | CALCULATIONS | PTO USE ONLY | | |
| 21. | \$ 310 | | | | | | |
| 22. 7 Examination fee (37 CFR 1.492(c)) | | | | | | | |
| If the written opinion prepared by ISA/US or the in | ernational pre | liminary examinati | on report prepared | \$ 210 | } | | |
| by IPEA/US indicates all claims satisfy pro | | | | | | | |
| 23. Search fee (37 CFR 1.492(b)) | | | | | | | |
| If the written opinion of the ISA/US or the International IPEA/US indicates all daims satisfy provision | 440 | | | | | | |
| Search fee (37 CFR 1.445(a)(2)) has been paid or | the internatio | nal application to t | he USPTO as an | \$ 410 | | | |
| International Searching AuthorityInternational Search Report prepared by an ISA of | the Office or | | | | | | |
| previously communicated to the US by the All other situations | | | | | | | |
| TOTAL OF 21, 22 and 23 = | 930 | | | | | | |
| Additional fee for specification and drawings fi listing in compliance with 37 CFR 1.821(c) | | | | | | | |
| program listing in an electronic medium) (The fee is \$260 for each additional 50 sheets | | | | | | | |
| Total Sheets Extra Sheets Number of each additional 50 or fraction of thereof (round up to a whole number of the sheet). | | | RATE | | | | |
| - 100 = /50 = | | | x \$260 | \$ | l | | |
| Surcharge of \$130.00 for furnishing any of the sea after the date of commencement of the national sta | \$ | | | | | | |
| CLAIMS NUMBER FILED | | ER EXTRA | RATE | \$ | | | |
| Total claims 20 - 20 = | 0 | | x \$50 | \$ | | | |
| Independent claims 2 -3 = 0 | | | x \$210 | \$ | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | \$ | | | | | | |
| Applicant claims small entity status. See 37 C | \$ 930 465 | | | | | | |
| Applicant claims small entity states. See 57 C | \$ 465 | | | | | | |
| Processing fee of \$130.00 for furnishing the Englis | | | | | | | |
| claimed priority date (37 CFR 1.492(i)). | \$ | | | | | | |
| | \$ 465 | | | | | | |
| Fee for recording the enclosed assignment (37 CF by an appropriate cover sheet (37 CFR 3.28, 3.31) | \$ | | | | | | |
| | \$ 465 | | | | | | |
| | | | | Amount to be refunded: | \$ | | |
| | | | | Amount to be charged | \$ | | |

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| а. 🔲 | A check in the amount of \$t | o cover the above fees is enclose | ed. | | | | | |
|--|--|-----------------------------------|--------------------------|--|--|--|--|--|
| b. 🗸 | Please charge my Deposit Account No. 19-2110 in A duplicate copy of this sheet is enclosed. | the amount of \$ 465 | to cover the above fees. | | | | | |
| c. 🗸 | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-2110. A duplicate copy of this sheet is enclosed. | | | | | | | |
| d. 🗖 | Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. The PTO-2038 should only be mailed or faxed to the USPTO. However, when paying the basic national fee, the PTO-2038 may NOT be faxed to the USPTO. | | | | | | | |
| | ADVISORY: If filing by EFS-Web, do NOT attach the PTO-2038 form as a PDF along with your EFS-Web submission. Please be advised that this is not recommended and by doing so your credit card information may be displayed via PAIR. To protect you information, it is recommended paying fees online by using the electronic payment method. | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | | | |
| and granted to restore the international Application to pending status. | | | | | | | | |
| | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | /Charles F | allow/ | | | | | |
| Cha | rles W. Fallow | SIGNATU | RE | | | | | |
| Shoemaker and Mattare 10 Post Office Road, Suite 100 | | | Charles W. Fallow NAME | | | | | |
| | | | | | | | | |
| Silve | er Spring, Maryland 20910 | 28946 | | | | | | |
| (301 |) 589-8900 | REGISTR | ATION NUMBER | | | | | |
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Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of
 presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to
 opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.